

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-21 (Cancelled).

22. (Currently amended) A plant cell which has been transformed with a vector having a nucleic acid which is operatively linked to a promoter and expresses a plant polypeptide having gibberellin 2-oxidase enzyme activity; wherein said polypeptide is expressed at a level sufficient to inhibit growth in a plant grown from said transformed plant cells.
23. (Previously presented) The plant cell of claim 22, wherein said polypeptide is a gibberellin 2-oxidase enzyme from *Phaseolus* or *Arabidopsis*.
24. (Previously presented) The plant cell of claim 23, wherein said polypeptide is a gibberellin 2-oxidase enzyme from *Phaseolus coccineus* or *Arabidopsis thaliana*.
25. (Previously presented) The plant cell of claim 22, wherein said nucleic acid comprises nucleotides 68 to 1063 of SEQ ID NO:1.
26. (Previously presented) The plant cell of claim 25, wherein said nucleic acid comprises SEQ ID NO:1.
27. (Previously presented) The plant cell of claim 22, wherein said nucleic acid encodes a polypeptide with an amino acid sequence consisting essentially of SEQ ID NO:2.

28. (Withdrawn) The plant cell of claim 22, wherein said nucleic acid comprises nucleotides 41 to 1027 of SEQ ID NO:5.
29. (Withdrawn) The plant cell of claim 28, wherein said nucleic acid comprises SEQ ID NO:5.
30. (Withdrawn) The plant cell of claim 22, wherein said nucleic acid encodes a polypeptide with an amino acid sequence consisting essentially of SEQ ID NO:6.
31. (Withdrawn) The plant cell of claim 22, wherein said nucleic acid comprises nucleotides 109 to 1131 of SEQ ID NO:7.
32. (Withdrawn) The plant cell of claim 31, wherein said nucleic acid comprises SEQ ID NO:7.
33. (Withdrawn) The plant cell of claim 22, wherein said nucleic acid encodes a polypeptide with an amino acid sequence consisting essentially of SEQ ID NO:8.
34. (Withdrawn) The plant cell of claim 22, wherein said nucleic acid comprises SEQ ID NO:9.
35. (Withdrawn) The plant cell of claim 22, wherein said nucleic acid encodes a polypeptide with an amino acid sequence consisting essentially of SEQ ID NO:10.
36. (Cancelled)

37. (Currently amended) The plant cell of claim 22 36, wherein said promoter is a constitutive promoter.
38. (Currently amended) The plant cell of claim 22 36, wherein said promoter is specific for expression in a particular plant cell.
39. (Previously presented) The plant cell of claim 22, wherein said expression of said polypeptide having the activity of a gibberellin 2-oxidase enzyme results in a reduced concentration of bioactive gibberellins in a plant grown from said plant cell.
40. (Previously presented) The plant cell of claim 22, wherein said polypeptide catalyses the 2 β -oxidation of a C₁₉-gibberellin molecule to introduce a hydroxyl group at C-2.
41. (Previously presented) The plant cell of claim 40, wherein said polypeptide further catalyses the oxidation of the hydroxyl group introduced at C-2 to yield the ketone derivative.
42. (Previously presented) The plant cell of claim 22, wherein said inhibition of plant growth reduces bolting in a plant grown from said plant cell.
43. (Currently amended) A transgenic plant or part thereof comprising the transformed ~~grown from said plant cell~~ of claim 22.

44. (Currently amended) A plant material capable of proliferation, obtained from the plant cell of claim 43, wherein said plant material capable of proliferation comprises said transformed plant cell.
45. (Currently amended) A plant material comprising said transformed plant cell, as claimed in claim 44 which is selected from the group consisting of protoplasts, cells, calli, tissues, organs, seeds, embryos, egg cells, and zygotes.